

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	4	(Hara near Takeyori)	USPAT	2004/09/15 08:16
2	BRS	L2	2	(weight\$3 adj3 gain) same (position\$3) same (disc or disk or medium or storage)	JPO	2004/09/15 08:18
3	BRS	L3	3	(position\$3 near5 (demodulat\$3 or decod\$3)) same (disk or disc or storage or medium) same (gain)	EPO	2004/09/15 08:21
4	BRS	L4	7	(position\$3 near5 (demodulat\$3 or decod\$3)) same (disk or disc or storage or medium) same (gain)	JPO	2004/09/15 08:23
5	BRS	L5	4	(position\$3 near5 (demodulat\$3 or decod\$3)) same (disk or disc or storage or medium) same (gain)	DERWE NT	2004/09/15 09:57
6	BRS	L6	3	(position\$3 near5 (demodulat\$3 or decod\$3)) same (disk or disc or storage or medium) same (gain)	IBM_TD B	2004/09/15 10:06
7	BRS	L7	10	(Pos Q and PosN) same (demodulat\$3 or decod\$3) same (gain)	USPAT	2004/09/15 10:10
8	BRS	L8	8	(PosQ and PosN) same (demodulat\$3 or decod\$3) same (gain)	USPAT	2004/09/15 10:15
9	BRS	L9	0	(PosQ and PosN) same (demodulat\$3 or decod\$3) same (bursts)	USPAT	2004/09/15 10:14
10	BRS	L11	1	(PosQ and PosN) same (bursts)	USPAT	2004/09/15 10:15
11	BRS	L10	17	(PosQ and PosN) same (demodulat\$3 or decod\$3) same (servo)	USPAT	2004/09/15 10:15
12	BRS	L12	4	(weight\$3 adj3 gain) same (position\$3)	EPO	2004/09/15 10:28
13	BRS	L13	37	(weight\$3 adj3 gain) same (demodulat\$3 or decod\$3)	USPAT	2004/09/15 10:30

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14	BRS	L14	18	(Okamura near Eiji)	USPAT	2004/09/15 10:46
15	BRS	L15	9	((weight\$3 adj3 function) or (trapezoid\$3 adj2 weight) or (triang\$4 adj2 weight)) same (disc or disk or storage or drive or medium)	IBM_TD B	2004/09/15 10:51
16	BRS	L16	12	(weight\$3 adj3 gain) same (position\$3) same (disc or disk or medium or storage)	USPAT	2004/09/15 10:54
17	BRS	L17	12	(weight\$3 adj3 gain) same (position\$3)	DERWE NT	2004/09/15 10:58
18	BRS	L18	1	(weight adj3 function) same (position\$3) same (servo)	DERWE NT	2004/09/15 10:58
19	BRS	L19	14	((weight\$3 adj3 function) or (trapezoid\$3 adj2 weight) or (triang\$4 adj2 weight)) same (disc or disk or storage or drive or medium) same (position\$3)	DERWE NT	2004/09/15 11:00
20	BRS	L20	17	(weight\$3 adj3 gain) same (position\$3)	JPO	2004/09/15 11:02
21	BRS	L21	14	((weight\$3 adj3 function) or (trapezoid\$3 adj2 weight) or (triang\$4 adj2 weight)) same (disc or disk or storage or drive or medium) same (position\$3)	JPO	2004/09/15 11:07
22	BRS	L22	21	(Takaishi near Kazuhiko)	USPAT	2004/09/15 12:31

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Ishida, T.; Miyata, K.; Komura, N.; Takaoka, T.;
 Magnetism, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001
 Pages:1412 - 1415

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) IEEE JNL
2 Customizable coherent servo demodulation for disk drives

Abramovitch, D.Y.;
 American Control Conference, 1998. Proceedings of the 1998 , Volume: 5 , 24-26 June 1998
 Pages:3043 - 3049 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) IEEE CNF
3 Customizable coherent servo demodulation for disk drives

Abramovitch, D.Y.;
 Mechatronics, IEEE/ASME Transactions on , Volume: 3 , Issue: 3 , Sept. 1998
 Pages:184 - 193

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) IEEE JNL
4 Pit phase compensating method for sample servo optical disk drive

Furukawa, T.; Nakane, K.; Arai, R.; Oonishi, R.;
 Magnetism, IEEE Transactions on , Volume: 25 , Issue: 5 , Sep. 1989
 Pages:3542 - 3544

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) IEEE JNL
5 A new magnetic disk with servo pattern embedded under recording layer

Ohtsuka, Y.; Koshikawa, T.; Aikawa, K.; Maeda, H.; Mizoshita, Y.;
 Magnetism, IEEE Transactions on , Volume: 33 , Issue: 5 , Sept. 1997
 Pages:2620 - 2622

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) IEEE JNL
6 A median peak detecting analog signal processor for hard disk drive servo

Nagaraj, K.; Lewis, S.H.; Walden, R.W.; Offord, G.E.; Shariatdoust, R.S.; Sabnis, J.A.; Peruzzi, F.;
 Barner, J.R.; Plany, J.; Mento, R.P.; Rakshani, V.A.; Hull, R.W.;
 Solid-State Circuits, IEEE Journal of , Volume: 30 , Issue: 4 , April 1995
 Pages:461 - 470

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1 Source-channel coding of analog data for digital magnetic recording

McLaughlin, S.W.; Neuhoft, D.L.;

Magnetics, IEEE Transactions on , Volume: 30 , Issue: 1 , Jan. 1994

Pages:128 - 144

[\[Abstract\]](#) [\[PDF Full-Text \(1364 KB\)\]](#) **IEEE JNL**
2 A BiCMOS PLL-based data separator circuit with high stability and accuracy

Miyazawa, S.; Horita, R.; Hase, K.; Kato, K.; Kojima, S.;

Solid-State Circuits, IEEE Journal of , Volume: 26 , Issue: 2 , Feb. 1991

Pages:116 - 121

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) **IEEE JNL**
3 Interleaved maximum likelihood decoding in high-order partial responses for high-speed magnetic recording systems

Umemoto, M.;

Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communications: The Key to Global Prosperity , Volume: 1 , 18-22 Nov. 1996

Pages:379 - 383 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE CNF**
4 Design considerations of sampled analog equalizer for hard-disk read channel

Jungryoul Choi; Joongho Choi;

TENCON 99. Proceedings of the IEEE Region 10 Conference , Volume: 2 , 15-17 Sept. 1999

Pages:1347 - 1350 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEEE CNF**
5 A high speed digital data separator design using real time DSP for disk drive application

Kim, B.; Greco, J.D.; Helman, D.N.; Ngo, H.; Yang, H.C.; Wu, W.-C.S.; Chowdhury, R.F.;

Circuits and Systems, 1992. ISCAS '92. Proceedings., 1992 IEEE International Symposium on , Volume: 2 , 3-6 May 1992

Pages:625 - 628 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) **IEEE CNF**
6 An integrating servo demodulator for hard disk drives

Shariatdoust, R.; Nagaraj, K.; Khoury, J.; Daubert, S.; Fasen, D.;

Custom Integrated Circuits Conference, 1993., Proceedings of the IEEE 1993 , 9-12 May 1993

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1 An advanced IF amplifier and AFT system suitable for HDTV
McGinn, M.;

Consumer Electronics, IEEE Transactions on , Volume: 36 , Issue: 3 , Aug 1990

Pages:407 - 414

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2 A novel digital signal processing scheme for a stationary reticle seeker
Oh, J.S.; Doo, K.S.; Jahng, S.G.; Seo, D.S.; Choi, J.S.;

TENCON 99. Proceedings of the IEEE Region 10 Conference , Volume: 1 , 15-17 Sept. 1999

Pages:722 - 725 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) IEEE CNF

3 High precision real-time beam position measurement system
Kleman, K.J.;

Particle Accelerator Conference, 1989. 'Accelerator Science and Technology', Proceedings of the IEEE , 20-23 March 1989

Pages:1465 - 1467 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) IEEE CNF

4 Channel sounder for the tactical VHF-range
Berger, G.L.; Safer, H.;

MILCOM 97 Proceedings , Volume: 3 , 2-5 Nov.-1997

Pages:1474 - 1478 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(444 KB\)\]](#) IEEE CNF

5 A spatial smoothing formulation for location systems
Moura, J.;

Oceanic Engineering, IEEE Journal of , Volume: 8 , Issue: 3 , Jul 1983

Pages:148 - 162

[\[Abstract\]](#) [\[PDF Full-Text \(1336 KB\)\]](#) IEEE JNL

6 Q-switched semiconductor diode lasers
Tsang, D.; Walpole, J.;

Quantum Electronics, IEEE Journal of , Volume: 19 , Issue: 2 , Feb 1983

Pages:145 - 156

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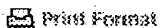
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Ishii, K.; Mizukami, M.;

Magnetics, IEEE Transactions on , Volume: 23 , Issue: 5 , Sep 1987

Pages:3684 - 3686

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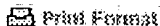
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1 A 200 Mb/s CMOS EPRML channel with integrated servo demodulator for magnetic hard disks

Fields, J.; Aziz, P.; Bailey, J.; Barber, F.; Barner, J.; Burger, H.; Foster, R.; Heimann, M.; Kemps Mantz, L.; Mastrocola, A.; Peruzzi, R.; Peterson, T.; Raisinghani, J.; Rauschmayer, R.; Saniski, N.; Sayiner, N.; Setty, P.; Tedja, S.; Threadgill, K.; Fitzpatrick, K.K.; Fisher, K.;

Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSCC., 1997 IEEE International, 6-8 Feb. 1997

Pages:314 - 315, 477

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Pages:838 - 843[\[Abstract\]](#) [\[PDF Full-Text \(405KB\)\]](#) **IEEE JNL****2 Hard disk drive servo technology for media-level servo track writing***Takaishi, K.; Uematsu, Y.; Yamada, T.; Kamimura, M.; Fukushima, M.; Kuroba, Y.;*Magnetics, IEEE Transactions on , Volume: 39 , Issue: 2 , March 2003
Pages:851 - 856[\[Abstract\]](#) [\[PDF Full-Text \(530KB\)\]](#) **IEEE JNL****3 A flexural piggyback milli-actuator for over 5 Gbit/in.² density magnetic recording***Koganezawa, S.; Takaishi, K.; Mizoshita, Y.; Uematsu, Y.; Yamada, T.; Hasegawa, S.; Ueno, T.;*Magnetics, IEEE Transactions on , Volume: 32 , Issue: 5 , Sept. 1996
Pages:3908 - 3910[\[Abstract\]](#) [\[PDF Full-Text \(388KB\)\]](#) **IEEE JNL****4 Microactuator control for disk drive***Takaishi, K.; Imamura, T.; Mizoshita, Y.; Hasegawa, S.; Ueno, T.; Yamada, T.;*Magnetics, IEEE Transactions on , Volume: 32 , Issue: 3 , May 1996
Pages:1863 - 1866[\[Abstract\]](#) [\[PDF Full-Text \(316KB\)\]](#) **IEEE JNL****5 Vibration minimized access control for disk drives***Mizoshita, Y.; Hasegawa, S.; Takaishi, K.;*Magnetics, IEEE Transactions on , Volume: 32 , Issue: 3 , May 1996
Pages:1793 - 1798[\[Abstract\]](#) [\[PDF Full-Text \(488KB\)\]](#) **IEEE JNL****6 Normalized longitudinal current distributions on microstrip lines with finite strip thic***Kobayashi, M.; Takaishi, K.;*Microwave Theory and Techniques, IEEE Transactions on , Volume: 42 , Issue: 5 , May 1994
Pages:866 - 869[\[Abstract\]](#) [\[PDF Full-Text \(288KB\)\]](#) **IEEE JNL****7 Seek control and settling control taming actuator resonance of HDD***Takaishi, K.; Saito, S.;*Magnetic Recording Conference, 2002. Digest of the Asia-Pacific , 27-29 Aug. 2002
Pages:BA3-01 - BA3-02[\[Abstract\]](#) [\[PDF Full-Text \(232KB\)\]](#) **IEEE CNF**

8 HDD servo technology for media-level servo track writing

Takaishi, K.; Uematsu, Y.; Yamada, T.; Kamimura, M.; Fukushi, M.; Kuroba, Y.;
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9 Fast seek control taming actuator vibrations for magnetic disk drives

Takaishi, K.;
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Pages:FS14 - FS14

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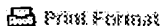
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Pages:2204 - 2206[\[Abstract\]](#) [\[PDF Full-Text \(253KB\)\]](#) **IEEE JNL****2 HIL simulation system for the HDD servo firmware***Senta, Y.; Sato, Y.; Okamura, E.;*Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002
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AND

AND

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AND

AND

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AND

AND

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3.	<u>2000 - 030386</u>	STORAGE DEVICE AND POSITIONAL SENSITIVITY SETTING METHOD
4.	<u>10 - 027444(1998)</u>	POSITION SENSITIVITY ADJUSTING METHOD OF DISK DEVICE
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1.	<u>2003 - 157628</u>	METHOD AND CIRCUIT FOR POSITION DEMODULATION OF DISK UNIT
2.	<u>2001 - 184817</u>	METHOD AND DEVICE FOR CONTROLLING HEAD POSITIONING OF DISK DRIVE
3.	<u>2000 - 173211</u>	STORAGE DEVICE AND DISK POSITION DETECTION METHOD USED IN THE DEVICE
4.	<u>2000 - 030386</u>	STORAGE DEVICE AND POSITIONAL SENSITIVITY SETTING METHOD
5.	<u>10 - 106138(1998)</u>	SERVO CONTROLLER OF SPINDLE MOTOR FOR OPTICAL DISK
6.	<u>10 - 027444(1998)</u>	POSITION SENSITIVITY ADJUSTING METHOD OF DISK DEVICE
7.	<u>06 - 302104(1994)</u>	RECORDING OR REPRODUCING DEVICE
8.	<u>06 - 243608(1994)</u>	HEAD POSITIONING CONTROL DEVICE
9.	<u>06 - 187643(1994)</u>	OPTICAL DISK DEVICE
10.	<u>04 - 010280(1992)</u>	SIGNAL REGENERATING DEVICE
11.	<u>03 - 049081(1991)</u>	MAGNETIC DISK DEVICE
12.	<u>62 - 212983(1987)</u>	COMPENSATING CIRCUIT FOR MAGNETIC DISK DEVICE
13.	<u>59 - 038977(1984)</u>	POSITION SIGNAL DEMODULATOR OF DISK DEVICE
14.	<u>59 - 014175(1984)</u>	MAGNETIC DISK DEVICE
15.	<u>55 - 105815(1980)</u>	MAGNETIC DISK DEVICE

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